

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>CM2006XM/JB</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/US 00/ 00838</b>	International filing date (day/month/year) <b>13/01/2000</b>	(Earliest) Priority Date (day/month/year) <b>14/01/1999</b>
Applicant <b>THE PROCTER &amp; GAMBLE COMPANY et al.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II).

## 4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

**DETERGENT COMPOSITIONS COMPRISING A PECTATE LYASE AND A BLEACH SYSTEM**

## 5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

## 6. The figure of the drawings to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US 00/00838

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C11D3/386 C11D3/39 C11D3/28 C11D3/34

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	W0 98 06808 A ( THE PROCTER & GAMBLE CO.) 19 February 1998 (1998-02-19)	1, 3, 26-30
Y	page 5, paragraph 4 -page 6, paragraph 4	1, 2, 4
A	page 15, paragraph 2 -page 18, paragraph 2	
	claims 1-3, 7, 8, 12-14; examples 15, 17	22-25
Y	W0 97 29174 A ( THE PROCTER & GAMBLE CO.) 14 August 1997 (1997-08-14) cited in the application page 2 -page 9 page 13 -page 16 page 25 -page 31 claim 1; example 1	1, 2, 4
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"Z" document member of the same patent family

Date of the actual completion of the international search

15 May 2000

Date of mailing of the international search report

24/05/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Serbetsoglou, A

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/00838

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 39403 A ( THE PROCTER & GAMBLE CO.) 11 September 1998 (1998-09-11) page 6, line 25 - line 36 page 28, line 24 - line 33 page 32, line 10 -page 33, line 23 claims 1,6,9-11; examples 19,20 ----	1,3, 26-30
X	WO 98 39402 A ( THE PROCTER & GAMBLE CO.) 11 September 1998 (1998-09-11) page 4, line 20 -page 7, line 30 page 26, line 30 -page 27, line 19 claims 1,5,7,10-12 ----	1,3, 26-30
A	WO 97 34985 A ( THE PROCTER & GAMBLE CO.) 25 September 1997 (1997-09-25) cited in the application page 16 -page 23 page 40 ----	1-4, 28-30
A	WO 97 10323 A (PROCTER & GAMBLE) 20 March 1997 (1997-03-20) cited in the application claims ----	1,12-25
A	WO 98 16614 A (PROCTER & GAMBLE) 23 April 1998 (1998-04-23) cited in the application page 2, line 14 -page 12, line 7 page 18, line 28 -page 20, line 29 ----	1,12-15
A	WO 96 17921 A (PROCTER & GAMBLE) 13 June 1996 (1996-06-13) page 4, line 1 -page 6, line 9 page 21, line 4 -page 23, line 13 ----	1,5-11
A	EP 0 717 102 A (PROCTER & GAMBLE) 19 June 1996 (1996-06-19) page 3, line 35 -page 4, line 10 page 7, line 23 -page 8, line 31 ----	1,5,6,9
A	EP 0 257 700 A (UNILEVER NV) 2 March 1988 (1988-03-02) cited in the application page 5, line 7 - line 10; claims ----	1,5
A	US 5 334 326 A (BOSTICK JOHN V) 2 August 1994 (1994-08-02) cited in the application the whole document -----	1,5-7

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

P 00/00838

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 9806808	A	19-02-1998	AU 6769996	A	06-03-1998
			CZ 9900430	A	11-08-1999
			EP 0925346	A	30-06-1999
WO 9729174	A	14-08-1997	GB 2309976	A	13-08-1997
			BR 9707402	A	06-04-1999
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			EP 0964909	A	22-12-1999
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			EP 0964908	A	22-12-1999
			ZA 9801895	A	07-09-1998
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			BR 9708207	A	27-07-1999
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			BR 9610602	A	13-07-1999
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			JP 11513413	T	16-11-1999
			US 5710116	A	20-01-1998
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			CA 2206992	A	13-06-1996
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			EP 0796317	A	24-09-1997
			JP 10510308	T	06-10-1998
			US 5710115	A	20-01-1998
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US 5334326	A	02-08-1994	NONE		